

02-21-02

A

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. SJ-01-0032

First Inventor or Application Identifier: Curran

Title of Invention: Cyclin Dependent Kinase 5  
Phosphorylation of Disabled 1 Protein

Express Mail Label No. EL321868934US

02/19/02  
jct825  
U.S. PTO

10/07/02  
j1046 U.S. PTO  
02/19/02  
Barcode

ADDRESS TO: **BOX PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231**

  
28258

PATENT TRADEMARK OFFICE

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors:

Assignee of this invention is **St. Jude Children's Research Hospital, Inc.**

1.  The Filing Fee has been calculated as shown below:
2.  Applicant claims Small Entity Status. See 37 CFR 1.27.

Small Entity			
	No. Filed	No. Extra	Rate
<b>BASIC FEE</b>			<b>Fee 0</b>
			<b>\$370.00</b>
<b>TOTAL CLAIMS:</b>	<b>31 - 20 =</b>	<b>11</b>	<b>X 9 = \$99</b>
<b>INDEP CLAIMS:</b>	<b>6 - 3 =</b>	<b>3</b>	<b>X 42 = \$126</b>
<b>[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED</b>		<b>0</b>	<b>= 0</b>
<b>* If the difference in Column 1 is less than zero, enter "0" in Column 2.</b>			<b>TOTAL \$595</b>

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 501968:

- a.  Fees required under 37 CFR 1.16 (National filing fees).
- b.  Fees requested under 37 CFR 1.17 (National application processing fees).
3.  Specification; 33 Total Pages, including 4 pages of claims and a 1 page abstract
4.  0 Sheets of Formal Drawing(s) (35 USC 113)
5.  Declaration and Power of Attorney; *[2 Total Pages]*
  - a.  Newly executed (original)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
6.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  
Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Copy (CRF)

b.  Request for Transfer of Computer Readable Form of Sequence Listing under 37 CFR § 1.821(e) and MPEP 2422.05

c.  Specification Sequence Listing on:

i.  CD-ROM or CD-R (2 copies); or

ii.  Paper (2 Pages)

d.  Statement verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))

8.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)

9.  Request for Early Publication Under 37 CFR 1.219 or its equivalent.

#### 10. CORRESPONDENCE ADDRESS

**CUSTOMER NUMBER 28258**

Signature: Shawn A. Hawkins  
Attorney/Agent of Record: Shawn A. Hawkins  
Attorney/Agent Registration No. P50,318  
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"Express Mail" mailing label number EL321868934US  
Date of Deposit February 19, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231

Regina D. McKinney  
Regina D. McKinney

(Utility Patent Application Transmittal) Page 2 of 2



# St. Jude Children's Research Hospital

ALSAC • Danny Thomas, Founder

## OFFICE OF TECHNOLOGY LICENSING

PHONE: 901-495-2342  
FAX: 901-495-3148



28258

PATENT TRADEMARK OFFICE

February 19, 2002

Commissioner for Patents  
Washington, D.C. 20231

### ***Box Patent Application***

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: Herewith (February 18, 2002)  
For: Cyclin Dependent Kinase 5 Phosphorylation of Disabled 1 Protein  
Inventors: Curran and Keshvara  
Our Ref: SJ-01-0032

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (*in duplicate; 2 pages each, 4 pages total*);
2. U.S. Utility Patent Application entitled:

### **Cyclin Dependent Kinase 5 Phosphorylation of Disabled 1 Protein**

and naming as inventors:

Thomas Curran, and  
Lakhu Keshvara

the application consisting of:

- a. A specification totaling 33 pages containing:
  - i. 28 pages of description prior to the claims;
  - ii. 4 pages of claims (31 claims); and
  - iii. a one (1) page abstract.

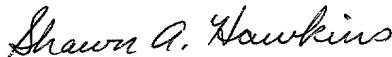
3. Request for Early Publication under 37 C.F.R. § 1.219 (1 page);
4. Verified Statement Claiming Small Entity Status (2 pages);
5. Executed Declaration and Power of Attorney for Patent Application (2 pages);
6. Executed Assignment and recordation cover sheet (4 pages);
7. Sequence Listing in computer readable disc (3.5 inch computer disc) and paper (2 pages) form along with a statement verifying the identity of both forms (1 page);
8. Express Mail Label No. EL321868934US; and
9. Two (2) self-addressed and stamped return postcards.

Please charge Deposit Account No. 501968 a total of \$935.00 to cover:

\$595.00	Small Entity fees under 37 C.F.R. §1.16(a), (b) and (c) for filing a utility patent application with excess independent and dependent claims;
\$300.00	Fee under 37 C.F.R. §1.18(d) for Early Publication Request
\$40.00	Assignment recordation fee under 37 C.F.R. §1.21(h).

The Commissioner is hereby authorized to charge any additional payment required by this submission, or credit any overpayment, to Deposit Account No. 501968.

Regards,



Shawn A. Hawkins  
Reg. No. P50,318  
Associate Director, Office of  
Technology Licensing

:rdm

Enclosures



28258

PATENT TRADEMARK OFFICE

PATENT  
SJ-01-0032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : CURRAN *et al*

SERIAL NO. : UNASSIGNED EXAMINER : UNKNOWN

FILED : HEREWITH ARE UNIT : UNKNOWN

FOR : CYCLIN DEPENDENT KINASE 5 PHOSPHORYLATION OF  
DISABLED 1 PROTEIN

EXPRESS MIAL "MAILING LABEL NO." : EL321868934US  
DATE OF DEPOSIT : February 19, 2002

STATEMENT IN SUPPORT OF THE FILING/SUBMISSION OF A  
NUCLEOTIDE/AMINO ACID SEQUENCE LISTING IN  
ACCORDANCE WITH 37 CFR § 1.821 - 1.825

ASSISTANT COMMISSIONER FOR PATENT  
WASHINGTON, D.C. 20231

Dear Sir:

SHAWN A. HAWKINS, agent of record, hereby states as follows:

I hereby state that the content of the paper and computer readable copies  
of the Sequence Listing submitted herewith for the referenced application in  
accordance with 37 CFR § 1.821(c) and (e), respectively, are the same.

DATED: 2/19/02

*Shawn A. Hawkins*  
SHAWN A. HAWKINS  
Registration No.: P50,318

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Curran, *et al*  
Appln. No.: To be assigned  
Filed: Herewith  
For: Cyclin Dependent Kinase 5 Phosphorylation of Disabled 1 Protein

  
28258  
PATENT TRADEMARK OFFICE

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

February 19, 2002

**REQUEST FOR EARLY PUBLICATION  
UNDER 37 C.F.R. § 1.219**

Sir:

Applicant hereby requests early publication of this patent application under 37 C.F.R. § 1.219. Please charge the fee of \$300.00 under 37 C.F.R. § 1.18(d) to deposit account no. 501968. Any deficiency may be charged to deposit account 501968.

Respectfully submitted,

*Shawn A. Hawkins*

Shawn A. Hawkins  
Registration No. P50,318

**Customer No. 28258**  
**St. Jude Children's Research Hospital**  
332 N. Lauderdale, Mailstop 277  
Memphis, TN 38105  
Tel (901) 495-2342  
Fax (901) 495-3148

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" mailing label number EL321868934US  
Date of Deposit February 19, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231

*Regina D. McKinney*  
Regina D. McKinney